

ERX5 MATED VIEWS

DESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]

DO NOT
SCALE FROM
THIS PRINT

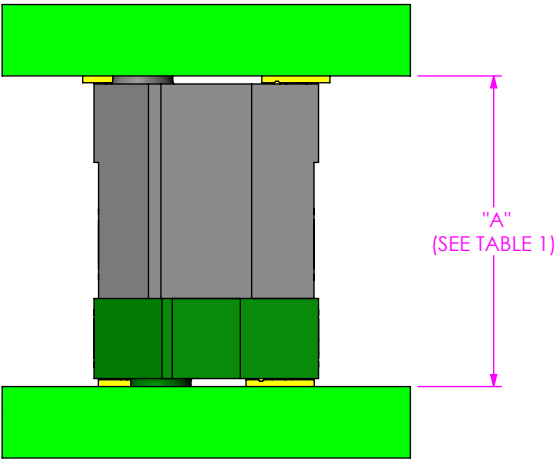


FIG 1
ERF5-DV MATED TO ERM5-DV

TABLE 1: STACK HEIGHTS - FULLY MATED			
DIMENSION "A"			
ERF5 LEAD STYLE	ERM5 LEAD STYLE		
	-02.0	-04.0	-05.0
-05.0	.276 [7.0]	.354 [9.0]	.393 [10.0]
-07.0	.354 [9.0]	.433 [11.0]	.472 [12.0]

TABLE 2		
Mated Pair	Fully Mated Board to Board Dimension "A" with Contact Wipe of .041" [1.04mm]	Maximum Allowable Board to Board Dimension "A" to Maintain Minimum Contact Wipe of .015" [0.38mm]
ERF5-DV/ ERM5-DV	SEE TABLE 1	(TABLE 1, "A" DIM) + .026" [0.66mm]

- NOTES:
- 1. DRAWING ILLUSTRATES EFFECTIVE MATING RANGE OF CONNECTORS IN VARIOUS CONFIGURATIONS.
 - 2. ALTHOUGH MAX DIMENSIONS ARE LISTED SAMTEC RECOMMENDS FULLY MATING COMPONENTS.
 - 3. ALL DIMENSIONS BASED ON NOMINAL VALUES FOR SAMTEC RECOMMENDED PCB LAYOUTS.

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

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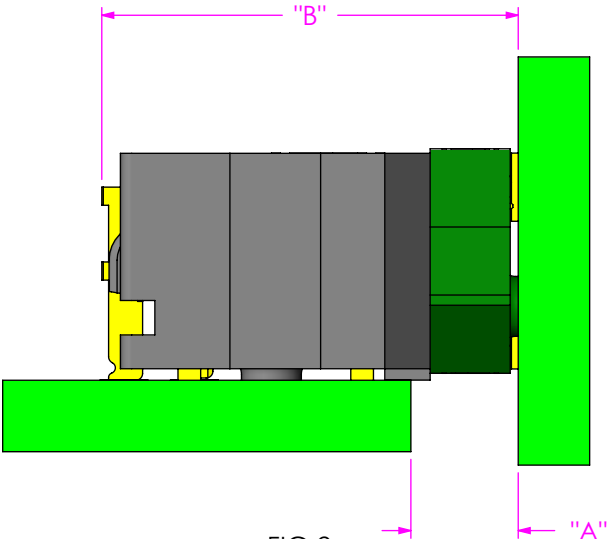


FIG 2
ERF5-RA MATED TO ERM5-DV

TABLE 3: STACK HEIGHTS - FULLY MATED			
DIMENSION "A"			
ERF5-RA LEAD STYLE	ERM5 LEAD STYLE		
	-02.0	-04.0	-05.0
-01	.093 [2.4]	.172 [4.4]	.211 [5.4]

TABLE 4: STACK HEIGHTS - FULLY MATED			
DIMENSION "B"			
ERF5-RA LEAD STYLE	ERM5 LEAD STYLE		
	-02.0	-04.0	-05.0
-01	.361 [9.2]	.440 [11.2]	.480 [12.2]

TABLE 5		
Mated Pair	Fully Mated Board to Board Dimension "A" with Contact Wipe of .039" [1.0mm]	Maximum Allowable Board to Board Dimension "A" to Maintain Minimum Contact Wipe of .015" [0.38mm]
ERF5-RA / ERM5-DV	SEE TABLE 3	TABLE 3, "A" DIM + .024" [0.61mm]

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